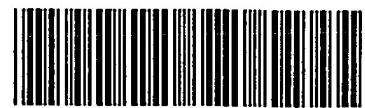


RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/037,341A
Source: 1Fw3
Date Processed by STIC: 1/13/05

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/037,341A

DATE: 01/13/2005
TIME: 17:02:01

Input Set : A:\APBI-P05-035.txt
Output Set: N:\CRF4\01132005\J037341A.raw

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4 <110> APPLICANT: David Baltimore et al.
6 <120> TITLE OF INVENTION: NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION
8 <130> FILE REFERENCE: APBI-P05-035
10 <140> CURRENT APPLICATION NUMBER: 10/037341A
11 <141> CURRENT FILING DATE: 2002-01-04
13 <150> PRIOR APPLICATION NUMBER: 08/464364
14 <151> PRIOR FILING DATE: 1995-06-05
16 <160> NUMBER OF SEQ ID NOS: 60
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 12
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
26 tggggattcc ca 12
28 <210> SEQ ID NO: 2
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30 <212> TYPE: DNA
31 <213> ORGANISM: Mus musculus
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36 <210> SEQ ID NO: 3
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41 <400> SEQUENCE: 3
42 aggactttc c 11
44 <210> SEQ ID NO: 4
45 <211> LENGTH: 10
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
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52 <210> SEQ ID NO: 5
53 <211> LENGTH: 10
54 <212> TYPE: DNA
55 <213> ORGANISM: Homo sapiens
58 <400> SEQUENCE: 5
59 gggaaattcc 10
61 <210> SEQ ID NO: 6
62 <211> LENGTH: 10
63 <212> TYPE: DNA
64 <213> ORGANISM: CMV

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RAW SEQUENCE LISTING DATE: 01/13/2005
 PATENT APPLICATION: US/10/037,341A TIME: 17:02:01

Input Set : A:\APBI-P05-035.txt
 Output Set: N:\CRF4\01132005\J037341A.raw

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80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 8
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86 <211> LENGTH: 10
87 <212> TYPE: DNA
88 <213> ORGANISM: Mus musculus
90 <400> SEQUENCE: 9
91 ggggattcct 10
93 <210> SEQ ID NO: 10
94 <211> LENGTH: 10
95 <212> TYPE: DNA
96 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 10
99 gggaatctcc 10
101 <210> SEQ ID NO: 11
102 <211> LENGTH: 10
103 <212> TYPE: DNA
104 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 11
107 gggattcccc 10
109 <210> SEQ ID NO: 12
110 <211> LENGTH: 10
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Consensus sequence
119 <220> FEATURE:
120 <221> NAME/KEY: misc_feature /
121 <222> LOCATION: (5)..(5)
122 <223> OTHER INFORMATION: n=a, c or t
124 <220> FEATURE:
125 <221> NAME/KEY: misc_feature /
126 <222> LOCATION: (9)..(9)
127 <223> OTHER INFORMATION: n=a, c or t
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132 <210> SEQ ID NO: 13
  
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/037,341A

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TIME: 17:02:01

Input Set : A:\APBI-P05-035.txt

Output Set: N:\CRF4\01132005\J037341A.raw

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 135 <213> ORGANISM: Artificial Sequence
 137 <220> FEATURE:
 138 <223> OTHER INFORMATION: Synthetic binding site
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 144 <211> LENGTH: 24
 145 <212> TYPE: DNA
 146 <213> ORGANISM: Artificial Sequence
 148 <220> FEATURE:
 149 <223> OTHER INFORMATION: Oligonucleotide for pUCMHCI construction
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 152 gatccggctg gggattcccc atct 24
 154 <210> SEQ ID NO: 15
 155 <211> LENGTH: 24
 156 <212> TYPE: DNA
 157 <213> ORGANISM: Artificial Sequence
 159 <220> FEATURE:
 160 <223> OTHER INFORMATION: Oligonucleotide for pUCMHCI construction
 162 <400> SEQUENCE: 15
 163 gatccggctg cggtttccca atct 24
 165 <210> SEQ ID NO: 16
 166 <211> LENGTH: 24
 167 <212> TYPE: DNA
 168 <213> ORGANISM: Artificial Sequence
 170 <220> FEATURE:
 171 <223> OTHER INFORMATION: Oligonucleotide for pUCmhci construction
 173 <400> SEQUENCE: 16
 174 gccgaccctt aagggttaga ctag 24
 176 <210> SEQ ID NO: 17
 177 <211> LENGTH: 24
 178 <212> TYPE: DNA
 179 <213> ORGANISM: Artificial Sequence
 181 <220> FEATURE:
 182 <223> OTHER INFORMATION: Oligonucleotide for pUCmhci construction
 184 <400> SEQUENCE: 17
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 187 <210> SEQ ID NO: 18
 188 <211> LENGTH: 27
 189 <212> TYPE: DNA
 190 <213> ORGANISM: Artificial Sequence
 192 <220> FEATURE:
 193 <223> OTHER INFORMATION: Oligonucleotide for Plasmid pBS-ATG construction
 195 <400> SEQUENCE: 18
 196 tgcacaccat ggccatcgat atcgatc 27
 198 <210> SEQ ID NO: 19
 199 <211> LENGTH: 10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/037,341A

DATE: 01/13/2005

TIME: 17:02:01

Input Set : A:\APBI-P05-035.txt

Output Set: N:\CRF4\01132005\J037341A.raw

200 <212> TYPE: DNA
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 203 <220> FEATURE:
 204 <223> OTHER INFORMATION: Mutant showing slight competition for binding of lysogen protein
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 209 <210> SEQ ID NO: 20
 210 <211> LENGTH: 34
 211 <212> TYPE: DNA
 212 <213> ORGANISM: Artificial Sequence
 214 <220> FEATURE:
 215 <223> OTHER INFORMATION: Nucleotide sequence of the PRDIIX2
 217 <400> SEQUENCE: 20
 218 gatctgtggg aaattccgtg ggaaattccg gatc 34
 220 <210> SEQ ID NO: 21
 221 <211> LENGTH: 30
 222 <212> TYPE: DNA
 223 <213> ORGANISM: Artificial Sequence
 227 <220> FEATURE:
 228 <223> OTHER INFORMATION: KB wild type oligonucleotide
 230 <400> SEQUENCE: 21
 231 tcgacagagg ggactttccg agaggctcga 30
 233 <210> SEQ ID NO: 22
 234 <211> LENGTH: 30
 235 <212> TYPE: DNA
 236 <213> ORGANISM: Artificial Sequence
 238 <220> FEATURE:
 239 <223> OTHER INFORMATION: KB mutant oligonucleotide
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 245 <211> LENGTH: 31
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 247 <213> ORGANISM: Homo sapiens
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 253 <211> LENGTH: 24
 254 <212> TYPE: DNA
 255 <213> ORGANISM: Homo sapiens
 257 <400> SEQUENCE: 24
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 261 <211> LENGTH: 24
 262 <212> TYPE: DNA
 263 <213> ORGANISM: Homo sapiens
 265 <400> SEQUENCE: 25
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 268 <210> SEQ ID NO: 26

RAW SEQUENCE LISTING DATE: 01/13/2005
 PATENT APPLICATION: US/10/037,341A TIME: 17:02:01

Input Set : A:\APBI-P05-035.txt
 Output Set: N:\CRF4\01132005\J037341A.raw

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276 <210> SEQ ID NO: 27
277 <211> LENGTH: 75
278 <212> TYPE: DNA
279 <213> ORGANISM: Homo sapiens
281 <400> SEQUENCE: 27
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283 aacagtcaaa catat 75
285 <210> SEQ ID NO: 28
286 <211> LENGTH: 22
287 <212> TYPE: DNA
288 <213> ORGANISM: Homo sapiens
290 <400> SEQUENCE: 28
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293 <210> SEQ ID NO: 29
294 <211> LENGTH: 22
295 <212> TYPE: DNA
296 <213> ORGANISM: Homo sapiens
298 <400> SEQUENCE: 29
299 agcagctcat gtggcaaggc ta 22
301 <210> SEQ ID NO: 30
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303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: EBNA-1 Consensus binding site
309 <400> SEQUENCE: 30
310 agatttagat agcatatgct acccagatat 30
312 <210> SEQ ID NO: 31
313 <211> LENGTH: 13
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: DNA probe
320 <400> SEQUENCE: 31
321 tggggattcc cca 13
323 <210> SEQ ID NO: 32
324 <211> LENGTH: 13
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: DNA probe
331 <400> SEQUENCE: 32
332 tgcggattcc caa 13
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/13/2005
PATENT APPLICATION: US/10/037,341A TIME: 17:02:02

Input Set : A:\APBI-P05-035.txt
Output Set: N:\CRF4\01132005\J037341A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; N Pos. 5,9/

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/037,341A

DATE: 01/13/2005

TIME: 17:02:02

Input Set : A:\APBI-P05-035.txt

Output Set: N:\CRF4\01132005\J037341A.raw

L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:405 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:38,Line#:403
L:669 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:41,Line#:666
L:917 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:58,Line#:915